

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Z. LIU et al.

Confirmation No.: 3148

Serial No.: 10/617,750

Art Unit: 1753

Filed: July 14, 2003

Examiner: Unassigned

For: SYSTEM AND METHOD FOR
DETERMINING KNOWN DNA
VARIANTS WITH
TEMPERATURE GRADIENT
ELECTROPHORESIS

Attorney Docket No: 9046-059-999

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references coming to the attention of Applicant or attorneys or agents for Applicant which are or may be material to the patentability of any claim of the subject application, Attorneys for Applicant hereby direct the Examiner's attention to the references listed on the enclosed revised form PTO-1449 entitled "List of References Cited by Applicant."

Identification of the foregoing references is not to be construed as an admission by Applicant or by Attorneys for Applicant that such references are available as "prior art" against the instant application. Applicant respectfully requests that the Examiner review the references and make them of record by completing and returning the enclosed List of References.

No fee is believed due for this submission is being made before the mailing date of the first office action on the merits. Should any fee be required, however, please charge such fee to Pennie & Edmonds LLP Deposit Account No. 161150.

Date: December 10, 2003

Respectfully submitted,

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Reg. No. 46,702

Reg. No. 31,231

Enclosures

| | | |
|---|-------------------------------------|----------------------|
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | ATTY DOCKET NO. | APPLICATION NO |
| | 9046-059-999 | 10/617,750 |
| | APPLICANT Z. LIU et al. | |
| | FILING DATE July 14, 2003 | GROUP 1753 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|-------------------|---------|-----------------|-------|----------|-------------------------------|
| | A01 | 6,398,933 B1 | 6/2002 | Scott | 204 | 466 | |
| | A02 | US2002/0042060 A1 | 4/2002 | Raees et al. | 435 | 6 | |
| | A03 | 6,036,831 | 3/2000 | Bishop | 204 | 618 | |
| | A04 | 5,935,522 | 8/1999 | Swerdlow et al. | 422 | 70 | |
| | A05 | 5,871,908 | 2/1999 | Henco et al. | 435 | 6 | |
| | A06 | 5,795,720 | 8/1998 | Henco et al. | 435 | 6 | |
| | A07 | 5,068,176 | 11/1991 | Vijg et al. | 435 | 6 | |
| | A08 | | | | | | |
| | A09 | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION *Abstract Only | |
|--|-----|-----------------|--------|---------|-------|----------|-------------------------------|----|
| | | | | | | | YES | NO |
| | B01 | WO 96/08715 | 3/1996 | PCT | | | | |
| | B02 | WO 91/02815 | 3/1991 | PCT | | | *X | |
| | B03 | 0 329 341 A2 | 8/1989 | Europe | | | | |
| | B04 | | | | | | | |
| | B05 | | | | | | | |

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|--|-----|---|
| | C01 | International Preliminary Examination Report from PCT/US01/27440, mailed January 9, 2003. |
| | C02 | Gao et al., "High-Throughput Detectin of Unknown Mutations by Using Multiplexed Capillary Electrophoresis With Poly(vinylpyrrolidone) Solution," June 1, 2000, <u>Analytical Chemistry</u> , Vol. 72, No. 11, pp 2499-2506. |
| | C03 | Schell et al., "Detection of point mutations by capillary electrophoresis with temporal temperature gradients," 1999, <u>Electrophoresis</u> , Vol. 20, pp 2864-2869. |

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|---|------------------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |